

Application/Control Number: 09/509,377

Enclosure 12 to Applicant's reply of Sept. 1, 2004

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Localization of amended claims support in the materials of the present application.

No. of claim and its subject matter	In SU 1522466 (see English translation)	In PCT/LV98/00006 (see English translation)	In US appl. No. 09/509,377, as amended on Sept. 1, 2004
Claim 1. ♦ <i>uneverted end of invaginator is coupled with the distal part of endoscope tube</i> ♦ <i>invaginator is held on the distal part of endoscope tube</i>	column 2, lines 3-5, 29-31; column 3 lines 19-21, 44-48; Fig., elements 7, 8, 9, 3. column 2 lines 2-7, 11-15, 28-33 column 3 lines 1-6, 17-50 Fig.	page 1, lines 28-29, page 2, lines 1-2, page 3, lines 16-17; page 5, lines 11-12, page 7, lines 23-24, page 8, line 1, page 9, lines 10-11 Fig. 1c, 1e elements 7, 29, 3 page 1, lines 25-27, 37-38 page 1 line 42 - page 2 line 1; page 3, lines 3-4 Fig. 1b, 1c, 1e, 1f	page 3, lines 19-20, page 3, line 41- page 4, line 1 page 5, lines 14-15, 21-22 page 7, lines 21-22, page 10, lines 23-24, Fig. 1c, 1e elements 7, 29, 3, Fig. 5 elements 7, 8, 9, 3 page 3, line 21, page 5, lines 15, 24, Fig. 1c, 1e, 1f, 5
Claim 2 <i>invaginator is formed in cylinder having a gap with the distal part of endoscope tube</i>		page 3, lines 17-18, 23-26; page 5, lines 8-9; page 7, lines 38, 40; page 9, lines 11-12; page 10, lines 1-4; Fig. 1c, 1e, 1f elements 23, 25, 3.	page 3, lines 27-31, 39-40, page 5, lines 16-18, 22-24, page 6, lines 26-27, page 7, lines 31-34, page 11, lines 2, 4, Fig. 1c, 1e, 1f, elements 23, 25, 3.
Claim 3 <i>disposable cartridge for the invagination of an endoscope tube comprising invaginator, whose uneverted end is coupled ...</i>		page 1, title of invention page 3, lines 6, 13; page 4, lines 29-31; page 6, lines 2, 6-7, 38-39; page 7, line 7; page 9, lines 7-8; Fig. 1b, 1c, 1d, 1e, 1f. See also support of claims 1 and 2	page 1, title of invention page 3, lines 34-35; page 4, lines 7-8, 15-16; page 5, lines 20-21; page 6, lines 32-33; page 9, lines 2, 6-7, 39-40; Fig. 1b, 1c, 1d, 1e, 1f. See also support of claims 1 and 2
Claim 4 <i>narrowings and widenings of invaginator's diameters ...</i>		page 3, lines 18-19; page 5, lines 8-9; page 7, line 38; page 9, lines 12-13; Fig. 1c, 1e, 1f elements 23, 24.	page 3, lines 31-32, 40-41; page 5, lines 27-28; page 7, lines 34-35; page 8, line 5; page 11, line 3; Fig. 1c, 1e, 1f elements 23, 24.
Claim 5 <i>sheath for conducting the distal part of said endoscope tube with invaginator along rectum</i>		page 3, lines 14-20; page 5, lines 5-7; page 6, lines 6-8; page 7, line 37; page 9, lines 8-14; Fig. 1b, 1c, 1d, 1e, 1f elements 22, 23.	page 3, line 3 - page 4, line 1; page 5, lines 29-30; page 8, lines 2-4; page 9, lines 7-9; page 11, line 1; Fig. 1b, 1c, 1d, 1e, 1f elements 22, 23.
Claim 6 <i>sliding seals of endoscope tube isolating a cavity of the everted part of invaginator</i>	column 2 lines 6-11; column 2 line 28 - column 3 lines 18-20, 23-32, 40-41, 43-47, 53-55; column 4, lines 7-9, 12-14, 42-48; Fig., elements 8, 9, 13, 14, 4.	page 1, lines 27-29; page 3, lines 4, 16-17, 20; page 4, lines 13-15; page 5, lines 11-12; page 7, lines 24, 28; page 8, line 1; page 9, lines 10-11, 14, 27-28; page 10, line 10; Fig. 1c, 1d, 1e, 4c elements 13, 29, 3, 14, 23.	page 3, lines 24-25, 38-39; page 4, lines 1-2; page 5, lines 31-32; page 7, lines 21-22; page 7, line 38 - page 8, line 2; page 8, lines 8-9, 28-29; page 10, lines 31-32; page 11, line 8; Fig. 1c, 1d, 1e, 4c, 5 elements 8, 9, 13, 29, 3, 14.
Claim 7 <i>Anal dilator</i>	column 4 lines 4-9; Fig., element 19.	page 1, lines 30; page 3, lines 5, 20-21; page 6, lines 13-14, 34-35; page 7, line 34; page 9, lines 7, 14-15; Fig. 1b, 1c, 4c element 19.	page 4, line 2; page 5, line 32; page 7, line 24; page 9, lines 35-36; page 10, line 37; Fig. 1b, 1c, 4c, 5 element 19.

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Claim 8 anal dilator with a channel in its wall		page 3, lines 20-21; page 5, lines 19; page 6, lines 13-14; page 8, line 7; page 9, lines 14-15; Fig. 1c element 35.	page 4, line 2; page 5, line 33; page 8, line 16; page 9, lines 14-15; page 11, line 14; Fig. 1b, 1c, 4c, 5 element 19, 35.
Claim 9 spring of invaginator	column 2 line 13; column 3 lines 3-4, 21-22, 41, 47, 48; column 4, lines 48- 53; Fig., element 10.	page 1, lines 22, 25-26; page 1, line 42- page 2, line 1. page 3, lines 4, 15; page 5, lines 5-7, 13-14; page 6, lines 8-9; page 7, line 25; page 9, lines 6, 9; Fig. 1c, 1d, 1e, elements 10, 23.	page 3, line 37; page 5, line 34; page 7, lines 15-16, 18-19; page 8, lines 2-4, 9-11; page 10, lines 14-15; page 11, line 8; Fig. 1c, 1d, 1e, 5, elements 10, 23.
Claim 10 preservative of the distal part of endoscope tube united with tube's tip, at that...		page 3, lines 21-23; page 4, line 15-16; page 5, lines 9-11, 15-17; page 6, lines 39; page 7, lines 22, 41, 43; page 9, lines 15-17, 29; Fig. 1c, 1d, 1e, 1f elements 26, 3, 6, 28.	page 4, lines 2-5, 19; page 5, lines 35-37; page 6, lines 22-24; page 8, lines 7-8, 12-14; page 9, line 40 – page 10, line 1; page 10, line 25; page 11, lines 5, 7; Fig. 1c, 1d, 1e, 1f elements 26, 3, 6, 28.
Claim 11 tip comprising a protective glass and communicating with intestinal cavity		page 3, lines 22-23; page 5, line 15-16; page 6, lines 11-13; page 7, line 1; page 8, line 5; page 9, lines 15-16; Fig. 1c, 1f, elements 33 & 6.	page 4, lines 3-5; page 5, line 38; page 6, lines 22-24, 28-29; page 8, lines 12-13; page 9, lines 12-14; page 10, lines 4-5; page 11, line 12; Fig. 1c, 1f, elements 32, 33 & 6.
Claim 12 mechanism for introduction of endoscope tube which is a cylinder-piston unit ...		page 3, lines 27-32; page 4, lines 40-41; page 5, lines 33-34; page 8, lines 25, 28-32; page 10, lines 7-11; Fig. 4a, 4c, elements 53, 56, 57, 59, 60, 3.	page 4, lines 8-11; page 6, lines 1-3; page 7, lines 7-8; page 11, line 32; page 11, line 35 – page 12, line 1; Fig. 4a, 4c, elements 53, 56, 57, 59, 60, 3.
Claim 13 endoscope tube with a transverse pleats of its external cover, which are directed inwards		page 4, line 13; page 5, lines 28-29; page 8, line 20; page 9, lines 26; Fig. 2c, 3c, elements 3, 48	page 4, lines 16-17; page 6, lines 4-5; page 8, line 26; page 11, line 27; Fig. 2c, 3c, elements 3, 48
Claim 14 distal drives of traction lines, which are springs...		page 3, line 34 – page 4 line 2; page 6, lines 16-26; page 8, lines 8-11, 17; page 9, lines 18-25; Fig. 2, 3, 4a, 4b, elements 36, 37, 38, 39, 45.	page 4, lines 23-30; page 6, lines 6-8; page 9, lines 17-27; page 11, lines 18-19; Fig. 2, 3, 4a, 4b, elements 36, 37, 38, 39, 45.
Claim 15 distal drives of traction lines, which are cylinder-piston units...		page 4, lines 2-3; page 10, lines 13-14	page 4, line 30; page 6, lines 9-10.
Claim 18 distal drives of traction lines, which are syphons...		page 4, lines 2-4; page 10, lines 13-16	page 4, lines 31-32; page 6, lines 11-12.

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Claim 17 biopsy channel connected to fluid pressure and biopsy forceps which are ...		page 4, lines 20-23; page 5, lines 36-38; page 7, lines 7-11; page 8, lines 35-40; page 9, lines 30-32; Fig. 4d, elements 63-68.	page 5, lines 4-8; page 6, lines 13-15; page 8, lines 34-35; page 10, lines 10-15; page 12, lines 4-10; Fig. 4d, elements 63-68.
Claim 18 distal drive of biopsy forceps which is a cylinder-piston unit connected to fluid pressure...		page 3, line 10; page 4, lines 25-27; page 5, lines 38-40; page 7, lines 12-14; page 8, lines 35, 41 page 9, lines 33-35; Fig. 4d, elements 63, 69.	page 5, lines 8-10; page 6, lines 16-17; page 12, lines 4, 10-12; Fig. 4d, elements 63, 69.
Claim 19 distal drive of biopsy forceps in the shape of siphone...		page 9, line 35-38; Fig. 4d, elements 63, 69.	page 5, lines 10-11; page 6, line 18; page 12, lines 4, 10-12; Fig. 4d, elements 63, 69.
Claim 20 * connection of endoscope tube to preservative of tube's distal part and to a tip united with said preservative... * connection of preservative to the uneverted end of invaginator... * invaginator formed by pleats in a compact hollow cylinder which has a gap with preservative... * feeding of fluid pressure through a channel in endoscope tube under the protective glass of tip...		page 3, lines 21-23; page 4, line 15-16; page 5, lines 9-11, 15-17; page 6, lines 11-13, 39; page 7, lines 1, 22, 41, 43; page 8, line 5; page 9, lines 15-17, 29; Fig. 1c, 1d, 1e, 1f elements 26, 3, 6, 28, 33. Fig. 1c, 1e, elements 26, 29, 7 page 3, lines 17-18, 23-26; page 5, lines 8-9; page 7, lines 38, 40; page 9, lines 11-12; page 10, lines 1-4; Fig. 1c, 1e, 1f elements 23, 25, 3. page 3, lines 22-23; page 5, line 15-16; page 6, lines 11-13; page 9, lines 15-17; Fig. 1c, 1e, 1f elements 32, 33, 6	page 4, lines 2-5, 19; page 5, lines 35-38; page 6, lines 22-24, 28-29; page 8, lines 7-8, 12-14; page 9, lines 12-14; page 9, line 40 - page 10, line 1; page 10, lines 4-5, 25; page 11, lines 5, 7, 12; Fig. 1c, 1d, 1e, 1f elements 26, 3, 6, 28, 33. page 8, lines 25-26, Fig. 1c, 1e, elements 26, 29, 7 page 3, lines 27-31, 39-40, page 5, lines 16-18, 22-24, page 6, lines 26-27, page 7, lines 31-34, page 11, lines 2, 4, Fig. 1c, 1e, 1f, elements 23, 25, 3. page 4, lines 3-4; page 5, line 38; page 6, lines 22-24, 28-29; page 8, lines 12-13; page 9, lines 11-14; page 11, lines 11-12; Fig. 1c, 1e, 1f elements 32, 33, 6